

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using SW model

Run on: March 7, 2005, 07:04:37 ; Search time 6.15929 Seconds  
(without alignments)  
702.945 Million cell updates/sec

Title: US-09-939-537-35

Perfect score: 288  
Sequence: 1 PRASALPAPPTGSALPDPTQ.....VISFLGLGI/GVAVLARR 58

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PERTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfill1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	288	100.0	58	2 US-08-284-391B-35	Sequence 35, App1
2	288	100.0	58	3 US-09-218-950-35	Sequence 35, App1
3	288	100.0	58	4 US-08-394-388A-35	Sequence 35, App1
4	284	98.6	240	4 US-09-997-165-2	Sequence 2, App1
5	176	61.1	154	3 US-08-630-172-7	Sequence 7, App1
6	176	61.1	154	3 US-09-375-419-7	Sequence 7, App1
7	81.5	28.3	1149	3 US-08-560-005-5	Sequence 5, App1
8	81.5	28.3	1149	3 US-09-418-540-5	Sequence 5, App1
9	81.5	28.3	1149	4 US-09-969-528-5	Sequence 5, App1
10	79.5	27.6	796	4 US-09-389-856-2	Sequence 2, App1
11	79.5	27.6	801	4 US-09-949-016-6836	Sequence 6836, App1
12	79.5	27.6	819	4 US-09-949-016-11155	Sequence 11155, App1
13	77	26.7	517	4 US-09-270-767-45655	Sequence 45655, App1
14	73	25.3	462	4 US-09-489-039A-12558	Sequence 12558, App1
15	73	25.3	466	4 US-09-270-767-62249	Sequence 62249, App1
16	73	25.3	421	4 US-09-370-767-46645	Sequence 46645, App1
17	72	25.0	129	4 US-09-804-615-140	Sequence 140, App1
18	70	24.3	162	4 US-09-252-991A-22151	Sequence 22151, App1
19	69.5	24.1	174	4 US-09-248-796A-25211	Sequence 25211, App1
20	69	24.0	405	1 US-08-351-473B-2	Sequence 25211, App1
21	68.5	23.8	352	4 US-09-902-540-14534	Sequence 14534, App1
22	68.5	23.8	400	4 US-09-252-991A-22821	Sequence 22821, App1
23	68.5	23.8	538	4 US-09-616-289-43	Sequence 43, App1
24	68.5	23.8	4545	2 US-08-804-227C-14	Sequence 14, App1
25	68.5	23.8	4550	2 US-08-804-227C-8	Sequence 8, App1
26	68.5	23.8	4550	2 US-08-804-198-2	Sequence 2, App1
27	68	23.6	195	4 US-09-252-991A-20967	Sequence 20967, App1

28	67	23.3	88	4 US-09-489-039A-13220	Sequence 13220, App1
29	67	23.3	123	4 US-09-489-039A-7796	Sequence 7796, App1
30	66.5	23.1	304	4 US-09-949-016-6824	Sequence 6824, App1
31	66.5	23.1	312	4 US-09-949-016-7149	Sequence 7149, App1
32	66.5	23.1	371	4 US-09-949-016-6816	Sequence 6816, App1
33	66.5	23.1	390	4 US-09-949-016-8580	Sequence 8580, App1
34	66.5	23.1	471	4 US-09-949-016-9525	Sequence 9525, App1
35	66	22.9	266	4 US-09-489-847-332	Sequence 332, App1
36	66	22.9	490	4 US-09-949-016-9466	Sequence 9466, App1
37	66	22.9	506	4 US-09-902-540-14275	Sequence 14275, App1
38	66	22.9	550	4 US-09-616-289-47	Sequence 47, App1
39	65.5	22.7	170	4 US-09-252-991A-16705	Sequence 16705, App1
40	65.5	22.7	3031	1 US-07-689-008-2	Sequence 2, App1
41	65	22.6	262	4 US-08-311-731A-333	Sequence 333, App1
42	65	22.6	670	4 US-09-252-991A-32445	Sequence 32445, App1
43	65	22.6	979	4 US-09-538-092-990	Sequence 990, App1
44	64.5	22.4	220	4 US-09-902-540-11127	Sequence 11127, App1
45	64.5	22.4	328	4 US-09-270-767-33931	Sequence 33931, App1

#### ALIGNMENTS

RESULT 1  
US-08-284-391B-35  
Sequence 35, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OR INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESS: 176 Federal Street  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-284-391B-35

Query Match 100.0%; Score 288; DB 2; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 2

US-09-218-950-35  
Sequence 35, Application US/09218950  
Patent No. 6284240  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Ribling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218,950  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Ribling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-35

Query Match 100.0%; Score 288; DB 3; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 3

US-08-394-388A-35  
Sequence 35, Application US/08394388A  
Patent No. 6753162  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Ribling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Ribling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-394-388A-35

Query Match 100.0%; Score 288; DB 4; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTQASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 4

US-09-997-165-2  
Sequence 2, Application US/09997165  
Patent No. 6762030  
GENERAL INFORMATION:  
APPLICANT: Lyman, Stewart D.  
APPLICANT: Fanslow, William C.  
TITLE OF INVENTION: LIGAND FOR CD7 AND METHODS OF USE THEREOF  
FILE REFERENCE: 2913-US

; CURRENT APPLICATION NUMBER: US/09/997,165  
 ; CURRENT FILING DATE: 2001-11-27  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14612  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: 60/136,450  
 ; PRIOR FILING DATE: 1999-05-28  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 2  
 ; LENGTH: 240  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-997-165-2

Query Match 98.6%; Score 284; DB 4; Length 240;  
 Best Local Similarity 98.3%; Pred. No. 9.3e-24;  
 Matches 57; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALPALAVISFLIGLGVACVLAATR 58  
 Db 147 PRASALPAPPTGSALPDPTASALPDPPASALPALAVISFLIGLGVACVLAATQ 204

RESULT 5  
 US-08-630-172-7  
 ; Sequence 7, Application US/08630172  
 ; Patent No. 6060054  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Staerz, Uwe  
 ; TITLE OF INVENTION: NOVEL PRODUCT AND PROCESS FOR T  
 ; TITLE OF INVENTION: LYMPHOCYTE VETO  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSER: Sheridan Ross & McIntosh  
 ; STREET: 1700 Lincoln Street, 35th Floor  
 ; CITY: Denver  
 ; STATE: Colorado  
 ; COUNTRY: U.S.  
 ; ZIP: 80203  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/630,172  
 ; FILING DATE:  
 ; CLASSIFICATION: 514  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Connell, Gary J.  
 ; REGISTRATION NUMBER: 32,020  
 ; REFERENCE/DOCKET NUMBER: 2879-36  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (303) 863-9700  
 ; TELEFAX: (303) 863-0223  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 154 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-630-172-7

Query Match 61.1%; Score 176; DB 3; Length 154;  
 Best Local Similarity 100.0%; Pred. No. 4.1e-12;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALP 34  
 Db 121 PRASALPAPPTGSALPDPTASALPDPPASALP 154

RESULT 6

US-09-375-419-7  
 ; Sequence 7, Application US/09375419  
 ; Patent No. 6264950  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Staerz, Uwe  
 ; TITLE OF INVENTION: NOVEL PRODUCT AND PROCESS FOR T  
 ; TITLE OF INVENTION: LYMPHOCYTE VETO  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSER: Sheridan Ross & McIntosh  
 ; STREET: 1700 Lincoln Street, 35th Floor  
 ; CITY: Denver  
 ; STATE: Colorado  
 ; COUNTRY: U.S.  
 ; ZIP: 80203  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/375,419  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/630,172  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Connell, Gary J.  
 ; REGISTRATION NUMBER: 32,020  
 ; REFERENCE/DOCKET NUMBER: 2879-36  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (303) 863-9700  
 ; TELEFAX: (303) 863-0223  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 154 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-09-375-419-7

Query Match 61.1%; Score 176; DB 3; Length 154;  
 Best Local Similarity 100.0%; Pred. No. 4.1e-12;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALP 34  
 Db 121 PRASALPAPPTGSALPDPTASALPDPPASALP 154

RESULT 7  
 US-08-560-005-5  
 ; Sequence 5, Application US/08560005  
 ; Patent No. 6001354  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pot, David A.  
 ; APPLICANT: Williams, Lewis T.  
 ; APPLICANT: Jefferson, Anne Bennett  
 ; APPLICANT: Majerus, Philip W.  
 ; TITLE OF INVENTION: No. 6001354el Grb2 Associating Protein and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding Therefor  
 ; NUMBER OF SEQUENCES: 10  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSER: Townsend and Townsend and Crew  
 ; STREET: One Market Plaza, Steuart Tower, Suite 2000  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94105  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible

```

/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/560,005
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dow, Karen B.
/ REGISTRATION NUMBER: 29,684
/ REFERENCE/DOCKET NUMBER: 2307K-0624000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-326-2422
/ TELEFAX: 415-326-2422
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1149 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ FEATURE:
/ NAME/KEY: Region
/ LOCATION: 1..1149
/ OTHER INFORMATION: /note= "51c"
/
US-08-560-005-5

Query Match      28.3%; Score 81.5; DB 3; Length 1149;
Best Local Similarity 45.0%; Pred. No. 1;
Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;

QY      1 PRASALPA--PPTG--SALPDPTASALPDPPASALPALAVIS--FLIG-IGLGVACV 53
DB      78 PRALAPPALPPTGSSPLPAPT---PTAPAESAPNGLSTVSHDYKSGYGLDLAV 133

RESULT 8
US-09-418-540-5
/ Sequence 5, Application US/09418540
/ Patent No. 6296848
/ GENERAL INFORMATION:
/ APPLICANT: Pot, David A.
/ APPLICANT: Williams, Lewis T.
/ APPLICANT: Jefferson, Anne Bennett
/ APPLICANT: Majerus, Philip W.
/ TITLE OF INVENTION: No. 6296848el Grb2 Associating Protein and Nucleic
/ TITLE OF INVENTION: Acids Encoding Therefor
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Townsend and Crew
/ STREET: One Market Plaza, Stewart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/418,540
/ FILING DATE: 14-OCT-1999
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/560,005
/ FILING DATE: 17-NOV-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dow, Karen B.
/ REGISTRATION NUMBER: 29,684
/ REFERENCE/DOCKET NUMBER: 2307K-0624000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-326-2422
/ TELEFAX: 415-326-2422
/ INFORMATION FOR SEQ ID NO: 5:
/
```

```

/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1149 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ FEATURE:
/ NAME/KEY: Region
/ LOCATION: 1..1149
/ OTHER INFORMATION: /note= "51c"
/
US-09-418-540-5

Query Match      28.3%; Score 81.5; DB 3; Length 1149;
Best Local Similarity 45.0%; Pred. No. 1;
Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;

QY      1 PRASALPA--PPTG--SALPDPTASALPDPPASALPALAVIS--FLIG-IGLGVACV 53
DB      78 PRALAPPALPPTGSSPLPAPT---PTAPAESAPNGLSTVSHDYKSGYGLDLAV 133

RESULT 9
US-09-969-528-5
/ Sequence 5, Application US/09969528
/ Patent No. 6472197
/ GENERAL INFORMATION:
/ APPLICANT: Pot, David A.
/ APPLICANT: Williams, Lewis T.
/ APPLICANT: Jefferson, Anne Bennett
/ APPLICANT: Majerus, Philip W.
/ TITLE OF INVENTION: No. 6472197el Grb2 Associating Protein and Nucleic
/ TITLE OF INVENTION: Acids Encoding Therefor
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Townsend and Crew
/ STREET: One Market Plaza, Stewart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/969,528
/ FILING DATE: 01-Oct-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/560,005
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dow, Karen B.
/ REGISTRATION NUMBER: 29,684
/ REFERENCE/DOCKET NUMBER: 2307K-0624000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-326-2422
/ TELEFAX: 415-326-2422
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1149 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ FEATURE:
/ NAME/KEY: Region
/ LOCATION: 1..1149
/ OTHER INFORMATION: /note= "51c"
/
US-09-969-528-5

Query Match      28.3%; Score 81.5; DB 4; Length 1149;
Best Local Similarity 45.0%; Pred. No. 1;
Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;
/
```



PRIOR FILING DATE: 1999-01-29  
NUMBER OF SEQ ID NOS: 14342  
SEQ ID NO 12558  
LENGTH: 452  
TYPE: PRT  
ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-12558

Query Match 25.3%; Score 73; DB 4; Length 452;  
Best Local Similarity 47.5%; Pred. No. 3;  
Matches 19; Conservative 4; Mismatches 15; Indels 2; Gaps 1;

Qy 12 GSALPPPTASALPPPTASALPALAVSPFLGLGVA 51  
Db 120 GHAGPDPATESLIGAPIATGALPGILAL--ILGLAGVS 157

RESULT 15  
US-09-270-767-62249  
Sequence 62249, Application US/09270767  
Patent No. 6703491  
GENERAL INFORMATION:  
APPLICANT: Homburger et al.  
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
FILE REFERENCE: File Reference: 7326-094  
CURRENT APPLICATION NUMBER: US/09/270,767  
CURRENT FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 62517  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 62249  
LENGTH: 666  
TYPE: PRT  
ORGANISM: Drosophila melanogaster  
US-09-270-767-62249

Query Match 25.3%; Score 73; DB 4; Length 666;  
Best Local Similarity 42.9%; Pred. No. 4.7;  
Matches 15; Conservative 5; Mismatches 9; Indels 6; Gaps 1;

Qy 1 PRASALPAPPTGSAALPPQTASALPPPTASALPA 35  
Db 125 PVSTVPVPPPTATATPPP-----PPPPPTALPA 153

Search completed: March 7, 2005, 07:22:55  
Job time : 7.15929 secs